

AMENDMENTS TO THE SPECIFICATION

Please replace the 8th paragraph on page 9 of the application with the following amended paragraph:

Fig. 15 shows a probe according to one embodiment of the present invention being used to designate landmarks on bone structure for tracking according to one embodiment of the present invention.

Please replace the 9th paragraph on page 9 of the application with the following amended paragraph:

Fig. 16 is another view of a probe according to one embodiment of the present invention being used to designate landmarks on bone structure for tracking according to one embodiment of the present invention.

Please replace the 10th paragraph on page 9 of the application with the following amended paragraph:

Fig. 17 is another view of a probe according to one embodiment of the present invention being used to designate landmarks on bone structure for tracking according to one embodiment of the present invention.

Please replace the last paragraph of page 18, which ends on page 19, with the following amended paragraph:

FIGS. 11-14 show designation or registration of items 22 which will be used in surgery. Registration simply means, however it is accomplished, ensuring that the computer knows which body part, item or construct corresponds to which fiducial or fiducials, and how the position and orientation of the body part, item or construct is related to the position and orientation of its corresponding fiducial or a fiducial attached to an impactor or other [other] component which is in turn attached to an item. Such registration or designation can be done before or after registering bone or body parts as discussed with respect to FIGS. 4 – 10. FIG. 11 shows a technician designating with probe 26 an item 22 such as an instrument component to which fiducial 14 is attached. The sensor 16 “sees” the position and orientation of the fiducial 14 attached to the item 22 and also the position and orientation of the fiducial 14 attached to the probe 26 whose tip is touching a landmark of the item 22. The technician designates onscreen or otherwise the identification of the item and then activates the foot pedal or otherwise instructs the computer to correlate the data corresponding to such identification, such as data needed to represent a particular cutting block component for a particular knee implant product, with the particularly shaped fiducial 14 attached to the component 22. The computer has then stored identification, position and orientation information relating to the fiducial for component 22 correlated with the data such as configuration and shape data for the item 22 so that upon registration, when sensor 16 tracks the item 22 fiducial 14 in the infrared field, monitor 24 can show the cutting block

component 22 moving and turning, and properly positioned and oriented relative to the body part which is also being tracked. FIGS. 12-14 show similar registration for other instrumentation components 22.